

WHAT IS CLAIMED IS:

1. A method of controlling printing by which a printer capable of double-sided printing prints two consecutive pages of print data on both sides of medium and also enlarges and divides each of the pages of print data so that resultant data is printed over a plurality of media, comprising:
 - 10 a first dividing step of dividing a first page of print data into a predetermined number of pieces of print data;
 - 15 a second dividing step of dividing a second page of print data into the predetermined number of pieces of print data;
 - 20 a selecting step of selecting one from the predetermined pieces of print data obtained by dividing the first page of print data in the first dividing step, and selecting one from the predetermined pieces of print data obtained by dividing the second page of print data in the second dividing step; and
 - 25 a printing step of printing the one piece of the first page of print data and the one piece of the second page of print data selected in the selecting step, on a front side and a back side, respectively, of a medium.
- 25 2. The method of controlling printing according to claim 1, further comprising:

a designating step of designating a selection mode for the second page of print data, wherein the selecting step includes selecting the one piece of the second page of print data corresponding to 5 the one piece of the first page of print data, in accordance with the selection mode designated in the designating step.

3. The method of controlling printing according to 10 claim 2, wherein the designating step includes designating the selecting mode so that output orders for the front and back sides are laterally reverse to each other.

15 4. The method of controlling printing according to claim 2, wherein the designating step includes designating the selection mode so that output orders for the front and back sides are laterally the same.

20 5. The method of controlling printing according to claim 1, wherein the first dividing step includes dividing the first page of print data into the number of pieces of print data equivalent to the number of the plurality of 25 media, and the second dividing step includes dividing the second page of print data into the number of pieces of

print data equivalent to the number of the plurality of media.

6. A printing control apparatus for generating print data such that two consecutive pages of the print data are printed on both sides of medium by a printer capable of double-sided printing and also that each of the pages of print data is enlarged and divided so that resultant data is printed over a plurality of media,
10 the apparatus comprising:

first dividing means for dividing a first page of print data into a predetermined number of pieces of print data;

15 second dividing means for dividing a second page of print data into the predetermined number of pieces of print data;

selecting means for selecting one from the predetermined number of pieces of print data obtained by dividing the first page of print data by the first
20 dividing means, and selecting one from the predetermined pieces of print data obtained by dividing the second page of print data by the second dividing means; and

25 output means for outputting in turn to the printer, the one piece of the first page of print data and the one piece of the second page of print data selected by the selecting means.

7. The printing control apparatus according to claim 6, further comprising:

setting means for setting whether the 5 predetermined number of pieces of print data divided by the second dividing means are printed under double-sided printing.

8. The printing control apparatus according to claim 10 7, further comprising:

second setting means for setting whether an output order of the second page of print data is set to the same as that of the first page of print data when the print data is printed under double-sided printing.

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9. The printing control apparatus according to claim 8, wherein

when the output order of the second page of print data is set to the same as that of the first page of 20 print data by the second setting means, the selecting means selects the second page of print data in the same order as that of selecting the first page of print data, and

when the output order of the second page of print data is set in laterally reverse to that of the first 25 page of print data, the selecting means selects the

second page of print data in laterally reverse to an order of selecting the first page of print data.

10. A computer program for causing a computer to
5 generate print data such that two consecutive pages of the print data are printed on both sides of medium by a printer capable of double-sided printing and also that each of the pages of print data is enlarged and divided so that resultant data is printed over a plurality of
10 media, the computer program causing a computer to execute:

 a first dividing procedure of dividing a first page of print data into a predetermined number of pieces of print data;

15 a second dividing procedure of dividing a second page of print data into the predetermined number of pieces of print data;

 a selecting procedure of selecting one from the predetermined pieces of print data obtained by dividing
20 the first page of print data in the first dividing procedures, and selecting one from the predetermined pieces of print data obtained by dividing the second page of print data in the second dividing procedure;
 and

25 an outputting procedure of outputting the print data to the printer so that the one piece of the first page of print data and the one piece of the second page

of print data selected in the selecting procedure are printed on a front side and a back side, respectively, of a medium.

5 11. A computer-readable recording medium having stored therein the computer program according to claim 10.